

Memorandum

To: File 536

From: Ron Lehman, O&M Superintendent

Date: January 31, 2003

Re: Platte River Ice Thickness Measurements Along Union Dike

On January 29, 2003, the writer took ice thickness measurements on the Platte River. The measurements were taken perpendicular to the river flow, near the dike on the Werner Property, at approximately Station 197+24 (1.9 miles upstream of Highway 64).

A gas powered auger was used to drill the holes. The location of the holes on the table below are measured (stepped off) from the east bank of the Platte River.

Distance From East Bank (Feet)	Ice Thickness (Inches)	Depth From Top Of Ice To River Bed (Inches)
36	11.0	62.0
136	12.0	21.0
286	10.0	15.0
436	11.5	20.0
586	14.0	20.0
786	13.5	24.0
*936	14.0	16.0

*This hole is located about 115 feet from the west bank of the river.

The average ice thickness is **12.3 inches**.

cc: Steve Oltmans, Marlin Petermann, Martin Cleveland, Paul Woodward, P-MRNRD
Cindy Newsham, NEMA
Brian Dunnigan, NDNR
Jeff Reese, NWS
Janelle Mavis, COE